## WHAT IS CLAIMED IS:

l	1,	An isolated population of antigen presenting cells expressing CD11c,
2	CD14 <sup>+</sup> .	
1	2.	The isolated population of CD11c <sup>+</sup> , CD14 <sup>+</sup> antigen presenting cells
2	according to claim 1	, wherein the antigen presenting cells are dendritic cells.
1	3.	The isolated cell population according to claim 2, wherein the
2		ed for the CD11c <sup>+</sup> , CD14 <sup>+</sup> dendritic cells.
1	4.	The isolated dendritic cell population according to claim 2, wherein the
2	dendritic cell popula	tion is substantially enriched for mature dendritic cells.
1	5.	The isolated dendritic cell population according to claim 2, wherein the
2	dendritic cell popula	tion is substantially enriched for immature dendritic cells.
1	6.	The isolated dendritic cell population according to claim 2, further
2	comprising a predet	ermined antigen.
1	7.	The isolated dendritic cell population according to claim 6, wherein the
2	predetermined antig	en is a tumor-specific antigen, a tumor associated antigen, a bacterial
3	antigen, or a viral ar	ntigen.
1	8.	The isolated dendritic cell population according to claim 7, wherein the
2	tumor-associated an	tigen is a prostate-associated antigen.
1	9.	The isolated dendritic cell population according to claim 8, wherein the
2	prostate-associated	antigen is prostate-specific antigen (PSA), prostate-specific membrane
3	antigen (PSMA), or	prostatic acid phosphatase (PAP).
1	10.	The isolated dendritic cell population according to claim 6, wherein the
2	predetermined antig	gen is an autoantigen.
1	11.	The isolated dendritic cell population according to claim 2, further
2	comprising at least	one cytokine.

1	12.	The isolated dendritic cell population according to claim 11, wherein
2	the at least one cytol	cine is a proinflammatory cytokine.
1	13.	The isolated dendritic cell population according to claim 12, wherein
2	the proinflammatory	cytokine is TNFα, IL-1β, or CD40 ligand.
1	14.	The isolated dendritic cell population according to claim 11, wherein
2	the at least one cyto	kine is an anti-inflammatory cytokine.
1	15.	The isolated dendritic cell population according to claim 14, wherein
2	the anti-inflammato	ry cytokine is IL-10, TGF-β, or PGE <sub>2</sub> .
1	16.	The isolated dendritic cell population according to claim 2, further
2	comprising an enric	hed population of T cells, or NK cells.
1	17.	The isolated dendritic cell population according to claim 16, wherein
2	the enriched popula	tion of T cells is a cell population comprising isolated T cells.
1	18.	The isolated dendritic cell population according to claim 16, wherein
2	the isolated populat	ion of T cells is substantially enriched for T cells.
1	19.	The isolated dendritic cell population according to claim 16, wherein
2	the dendritic cell po	opulation and the T cell population are autologous, syngeneic, or
3	allogeneic.	
1	20.	The isolated dendritic cell population according to claim 16, wherein
2	the T cell population	on is substantially enriched for CD4+T cells.
1	21.	The isolated dendritic cell population according to claim 16, wherein
2	the T cell population	on is substantially enriched for CD8 <sup>+</sup> T cells.
1	22.	The isolated dendritic cell population according to claim 16, wherein
2	the T cell population	on is comprised of a mixed population of CD4 <sup>+</sup> and CD8 <sup>+</sup> T cells.
1	23.	The isolated dendritic cell population according to claim 16, wherein
2	the enriched popula	ation of NK cells is a cell population comprising isolated NK cells.

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I	24. The isolated delicting cell population according to claim 10, wherein		
2	the enriched population of NK cells is a cell population substantially enriched for NK cells		
1	25. The isolated dendritic cell population according to claim 16, wherein		
2	the dendritic cell population and the NK cell population are autologous, syngeneic, or		
3	allogeneic.		
1	26. A composition comprising an isolated population of CD11c <sup>+</sup> , CD14 <sup>+</sup>		
2	dendritic cells and a prostate-specific membrane antigen (PSMA).		
1	27. The composition according to claim 26 further comprising an isolated		
2	population of T cells or NK cells.		
1	28. A method for isolating a population of CD11c <sup>+</sup> , CD14 <sup>+</sup> dendritic cells,		
2	comprising:		
3	obtaining a population of dendritic cell precursors,		
4	differentiating the precursors into immature or mature dendritic cells, and		
5	selecting the population of CD11c <sup>+</sup> , CD14 <sup>+</sup> dendritic cells from the immature		
6	or mature dendritic cells.		
1	29. The method according to claim 28, wherein the population of dendritic		
2	cell precursors is obtained by contacting a monocytic dendritic cell precursor-adhering		
3	substrate with a population of leukocytes.		
1	30. The method according to claim 28, wherein the differentiation of		
2	dendritic cell precursors to immature and mature dendritic cells comprises culturing the		
3	precursors with at least one cytokine.		
1	31. The method according to claim 30, wherein the at least one cytokine is		
2	GM-CSF, interleukin 4, GM-CSF and interleukin 4, interleukin 13, or interleukin 15.		
1	32. The method according to claim 30, wherein the differentiation of		
2	dendritic cell precursors to immature and mature dendritic cells comprises culturing the		
3	precursors in the presence of plasma to promote the differentiation of the CD14 <sup>+</sup> dendritic		
4	cells.		

1	33. The method according to claim 28, wherein the differentiation of		
2	dendritic cell precursors to immature and mature dendritic cells comprises culturing the		
3	precursors with a predetermined antigen.		
1	34. The method according to claim 28, wherein the isolation of CD11c <sup>+</sup> ,		
2	CD14 <sup>+</sup> dendritic cells from the immature and mature dendritic cells comprises		
3	admixing the population of dendritic cell precursors with a CD14 specific		
4	probe under conditions conducive to the formation of a complex with the CD14 expressing		
5	dendritic cells;		
6	detecting the CD14-expressing cells complexed with the CD14-specific probe;		
7	and		
8	selecting the CD11c <sup>+</sup> , CD14 <sup>+</sup> dendritic cells.		
1	35. The method according to claim 34, wherein the CD14-specific probe is		
2	a CD14-specific antibody.		
1	36. The method according to claim 28, wherein the selection of CD11c <sup>+</sup> ,		
2	CD14 <sup>+</sup> dendritic cells from the immature and mature dendritic cells comprises affinity		
3			
1	37. The method according to claim 36, wherein the CD14-specific probe is		
2	an anti-CD14 antibody.		
1	38. The method according to claim 36, wherein the substrate coupled to		
2	the CD14-specific probe is a magnetic bead.		
1	39. The method according to claim 28, further comprising culturing the		
2	CD11c <sup>+</sup> , CD14 <sup>+</sup> dendritic cells to obtain an isolated population substantially enriched for		
3			
1	40. A method for modulating an T cell response to a predetermined		
2	antigen, comprising:		
3	obtaining an isolated population of CD11s <sup>+</sup> CD14 <sup>+</sup> dandritic calls:		

4	contacting the isolated population of CD110, CD14 dentified cens with a		
5	predetermined antigen; and		
6	contacting the isolated population of CD11c <sup>+</sup> , CD14 <sup>+</sup> dendritic cells with T		
7	cells to modulate the T cell response to the predetermined antigen.		
1	41. The method according to claim 40, wherein the CD11c <sup>+</sup> , CD14 <sup>+</sup>		
2	dendritic cells have been obtained from skin, spleen, bone marrow, thymus, lymph nodes,		
3	peripheral blood, or cord blood.		
1	42. The method according to claim 40, wherein the CD11c <sup>+</sup> , CD14 <sup>+</sup>		
2	dendritic cells and the T cells are autologous, syngeneic, or allogeneic.		
1	43. The method according to claim 40, wherein the CD11c <sup>+</sup> , CD14 <sup>+</sup>		
2	dendritic cells are contacted with the T cells in vitro or ex vivo.		
1	44. The method according to claim 40, wherein the predetermined antigen		
2	is a tumor-specific antigen, a tumor associated antigen, autoantigen, or a viral antigen.		
1	45. The method according to claim 44, wherein the tumor-associated		
2	antigen is a prostate cancer-associated antigen.		
1	46. The method according to claim 45, wherein the prostate cancer-		
2	associated antigen is prostate-specific antigen (PSA), prostate-specific membrane antigen		
3	(PSMA), or prostatic acid phosphatase (PAP).		
1	47. The method according to claim 40, wherein the T cells are an isolated		
2	population T cells substantially enriched for CD4 <sup>+</sup> T cells.		
1	48. The method according to claim 40, wherein the T cells are an isolated		
2	population of T cells substantially enriched for CD8 <sup>+</sup> T cells.		
1	49. The method according to claim 40, wherein the T cells are an isolated		
2	population of T cells comprising a mixed population of CD4 <sup>+</sup> and CD8 <sup>+</sup> T cells.		